



815 Connecticut Avenue, N.W., Suite 610
Washington, D.C. 20006

15 February 2008

WT Docket No. 06-136

Office of the Secretary
Federal Communications Commission
The Portals
445 Twelfth Street, S.W.
12th Street Lobby, TW-A325
Washington, DC 20554

RE: Post-Transition Notification - Fixed Wireless Holdings, LLC
Transition of the 2500-2690 MHz Band for BRS and EBS
Transition Area: BTA Number 212: Jacksonville, FL

Dear Ms. Dortch:

Fixed Wireless Holdings, LLC, a wholly-owned subsidiary of Clearwire Corporation (together "Clearwire"), and the designated Proponent for the market, hereby notifies the Commission, pursuant to Section 27.1235 of its Rules, that it has completed the Transition for BTA Number 212: Jacksonville, FL.

As required by Section 21.1235, attached hereto are the following:

- **Exhibit 1** which contains a list of the licensees that have transitioned to the new band plan;
and
- **Exhibit 2** listing each station in the MBS including
 - the station coordinates,
 - antenna make and model,
 - the horizontal and vertical pattern of the antenna,
 - the EIRP of the main lobe,
 - antenna orientation,
 - height of the antenna center of radiation,
 - transmitter output power, and
 - the line and combiner losses.

As required by Section Section 27.1235(c), a copy of the subject Post-Transition Notification is being served on all parties to the transition of this market as listed in **Exhibit 1**.

If you have any questions regarding this matter please contact Brandon Bullis, Director of Spectrum Development, at (202) 351-5021 or the undersigned at (202) 429-0107.

Sincerely,


Terri B. Natoli

cc: Joel Taubenblatt, Chief, Broadband Division, WTB
John Schauble, Deputy Chief, Broadband Division, WTB
Nancy Zaczek, Special Counsel, Broadband Division, WTB
Consuela Kearney, Industry Analyst, Broadband Division, WTB

Exhibit 1
List of Facilities That Have Been Transitioned

The authorizations listed below have been transitioned by Clearwire to the frequencies assigned to them under §27.5(i)(2). In the case of authorizations for BRS channels 1 and/or 2 (identified by "M1" and "M2"), the Proponent has no responsibility for transitioning facilities operating on these channels. The post-transition frequency assignments for BRS channels 1 and 2 are being reserved for future accommodation of services licensed for these channels.

BTA #212: Jacksonville, FL

B212, Clearwire Spectrum Holdings II LLC	Channels: M1M2AE1E2E3E4F1F2F3F4 H1H2H3
WHA933, Florida Community College at Jacksonville	Channels: C1C2C3
WHF334, Lake City Community College	Channels: A1A2A3A4
WHR858, Jacksonville University	Channels: G1G2
WHT675, Clearwire Spectrum Holdings II LLC	Channels: E1E2E3E4
WHT676, Clearwire Spectrum Holdings II LLC	Channels: F1F2F3F4
WLX242, Putnam County School District	Channels: G1G3G4
WLX443, Putnam County School District	Channels: G2
WLX538, Hispanic Information & Telecommunications Network, Inc.	Channels: B1B2B3
WLX651, University of North Florida	Channels: B4
WLX922, Duval County School Board	Channels: A1A2A3A4
WLX930, University of North Florida	Channels: G3G4
WLX966, Lake City Community College	Channels: C1C2C3C4
WMH805, Clearwire Spectrum Holdings LLC	Channels: M1
WMX382, Clearwire Spectrum Holdings II LLC	Channels: H2
WMX383, Clearwire Spectrum Holdings II LLC	Channels: H3
WNC678, WJCT, Inc.	Channels: D1D2D3D4
WND518, Florida Community College at Jacksonville	Channels: C1C2C3C4
WND521, Happy House Daycare, Inc.	Channels: B1B2B3B4
WND530, Lake City Christian Academy	Channels: G1G2G3G4

Exhibit 1
List of Facilities That Have Been Transitioned (continued)

WNTJ809, Lynn Twedt

Channels: H1

Exhibit 2

List of Required Technical Parameters for Stations In The MBS

Page 1 of 6

Clearwire

BTA #212: Jacksonville, FL

B212, Clearwire Spectrum Holdings II LLC

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel E4: 2608.0 - 2614.0 MHz

MBS Channel F4: 2602.0 - 2608.0 MHz

This licensee is not currently operating in the Mid-Band Segment

WHA933, Florida Community College at Jacksonville

Post-Transition MBS Parameters:

This license does not include MBS channels

WHF334, Lake City Community College

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel A4: 2572.0 - 2578.0 MHz

Transmitting Site# 1: Intersection of US41 & Interstate 10

Address: 2993 NW County Road 25A, Intersection of US41 & I-10, Lake City, FL 32055

Coordinates: 30-14-39.0, 82-40-12.0

Elevation: 138.1 feet (42.1 meters)

Antenna # 1: Make/Model: AndrewHMD12HO, Gain: 13.0 dBi, Parameters for channel(s):
A4

Polarity: H, Beamwidth: 360.0 deg., Orientation: 0.0 deg., EIRP: 27.0 dBw

Support Structure: Tower Antenna Height AGL: 488.8 feet (149.0 meters)

Transmissions for channel(s): A4, Utilizing antenna # 1:

Modulation, Antenna # 1: Analog only. Emissions Designator(s): 5M75C3F/250KF3E

WHR858, Jacksonville University

Post-Transition MBS Parameters:

This license does not include MBS channels

Exhibit 2
List of Required Technical Parameters for Stations In The MBS
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Clearwire
BTA #212: Jacksonville, FL

WHT675, Clearwire Spectrum Holdings II LLC

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel E4: 2608.0 - 2614.0 MHz

This licensee is not currently operating in the Mid-Band Segment

WHT676, Clearwire Spectrum Holdings II LLC

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel F4: 2602.0 - 2608.0 MHz

This licensee is not currently operating in the Mid-Band Segment

WLX242, Putnam County School District

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel G4: 2596.0 - 2602.0 MHz

This licensee is not currently operating in the Mid-Band Segment

WLX443, Putnam County School District

Post-Transition MBS Parameters:

This license does not include MBS channels

WLX538, Hispanic Information & Telecommunications Network, Inc.

Post-Transition MBS Parameters:

This license does not include MBS channels

Exhibit 2
List of Required Technical Parameters for Stations In The MBS
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Clearwire
BTA #212: Jacksonville, FL

WLX651, University of North Florida

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel B4: 2578.0 - 2584.0 MHz

This licensee is not currently operating in the Mid-Band Segment

WLX922, Duval County School Board

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel A4: 2572.0 - 2578.0 MHz

This licensee is not currently operating in the Mid-Band Segment

WLX930, University of North Florida

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel G4: 2596.0 - 2602.0 MHz

This licensee is not currently operating in the Mid-Band Segment

WLX966, Lake City Community College

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel C4: 2584.0 - 2590.0 MHz

Transmitting Site# 1: LCCC: Bldg 007

Address: 149 SE College Place, Lake City, FL 32024

Coordinates: 30-10-36.0, 82-34- 5.0

Elevation: 187.0 feet (57.0 meters)

Antenna # 1: Make/Model: Andrew 49001, Gain: 21.7 dBi, Parameters for channel(s):
C4

Polarity: H, Beamwidth: 16.0 deg., Orientation: 307.5 deg., EIRP: 9.7 dBw

Support Structure: Tower Antenna Height AGL: 55.0 feet (16.8 meters)

Transmissions for channel(s): C4, Utilizing antenna # 1:

Modulation, Antenna # 1: Analog only. Emissions Designator(s): 5M75C3F/250KF3E

Exhibit 2
List of Required Technical Parameters for Stations In The MBS
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Clearwire
BTA #212: Jacksonville, FL

WMH805, Clearwire Spectrum Holdings LLC

Post-Transition MBS Parameters:

This license does not include MBS channels

WMX382, Clearwire Spectrum Holdings II LLC

Post-Transition MBS Parameters:

This license does not include MBS channels

WMX383, Clearwire Spectrum Holdings II LLC

Post-Transition MBS Parameters:

This license does not include MBS channels

WNC678, WJCT, Inc.

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel D4: 2590.0 - 2596.0 MHz

This licensee is not currently operating in the Mid-Band Segment

Exhibit 2
List of Required Technical Parameters for Stations In The MBS
Page 5 of 6

Clearwire
BTA #212: Jacksonville, FL

WND518, Florida Community College at Jacksonville

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel C4: 2584.0 - 2590.0 MHz

Transmitting Site# 1: ASR 1235223

Address: 8675 Hogan Rd., Jacksonville, FL 32216

Coordinates: 30-16-51.7, 81-34-11.6

Elevation: 10.0 feet (3.0 meters)

Antenna # 1: Make/Model: Andrew HMD12VC, Gain: 15.2 dBi, Parameters for channel(s):
C4

Polarity: V, Beamwidth: 180.0 deg., Orientation: 0.0 deg., Beamtilt: 2.0 deg.,

EIRP: 27.2 dBw

Support Structure: Tower Antenna Height AGL: 600.0 feet (182.9 meters)

Antenna # 2: Make/Model: Andrew HMD12HC, Gain: 15.2 dBi, Parameters for channel(s):
C4

Polarity: H, Beamwidth: 180.0 deg., Orientation: 180.0 deg., Beamtilt: 2.0 deg.,

EIRP: 27.2 dBw

Support Structure: Tower Antenna Height AGL: 600.0 feet (182.9 meters)

Transmissions for channel(s): C4, Utilizing antenna # 1:

Modulation, Antenna # 1: DIGITAL. Emissions Designator(s): 6M00D7W

Transmissions for channel(s): C4, Utilizing antenna # 2:

Modulation, Antenna # 2: DIGITAL. Emissions Designator(s): 6M00D7W

WND521, Happy House Daycare, Inc.

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel B4: 2578.0 - 2584.0 MHz

This licensee is not currently operating in the Mid-Band Segment

WND530, Lake City Christian Academy

Post-Transition MBS Parameters:

MBS Facility Parameters:

MBS Channel G4: 2596.0 - 2602.0 MHz

This licensee is not currently operating in the Mid-Band Segment

Exhibit 2

List of Required Technical Parameters for Stations In The MBS

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Clearwire

BTA #212: Jacksonville, FL

WNTJ809, Lynn Twedt

Post-Transition MBS Parameters:

This license does not include MBS channels

List of Required Technical Parameters for Stations In The MBS

Antenna Pattern Information

Exhibit 2

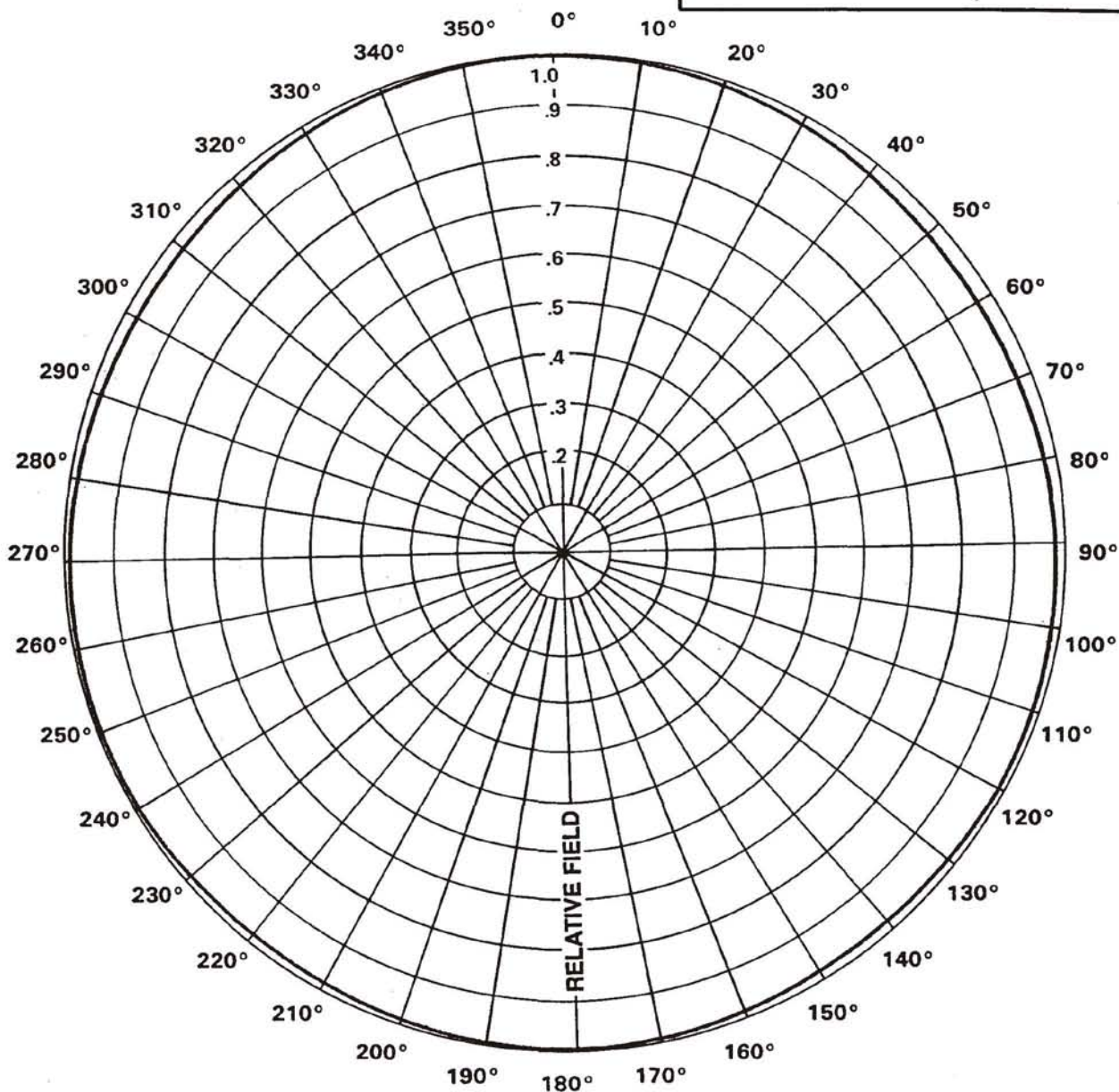
Clearw^ore
Jacksonville, FL (BTA# 212)

ANDREW **AZIMUTH PATTERN**

Number of Bays	Antenna Type	Power Gain	(dbi)
4	HMD4HO	4.3	8.5
8	HMD8HO	8.6	11.5
12	HMD12HO	12.1	13.0
16	HMD16HO	15.2	14.0
24	HMD24HO	24.2	16.0

Type:	HMD-HO	
	Numeric	dB
Directivity:	1.00	0.00
Peak(s) At:	N/A (Omni)	
Polarization:	Horizontal	
Channel:	2500 - 2700 MHz	
Location:		

NOTE: Pattern shape and directivity may vary with channel and mounting configuration.



List of Required Technical Parameters for Stations In The MBS

Antenna Pattern Information

Exhibit 2

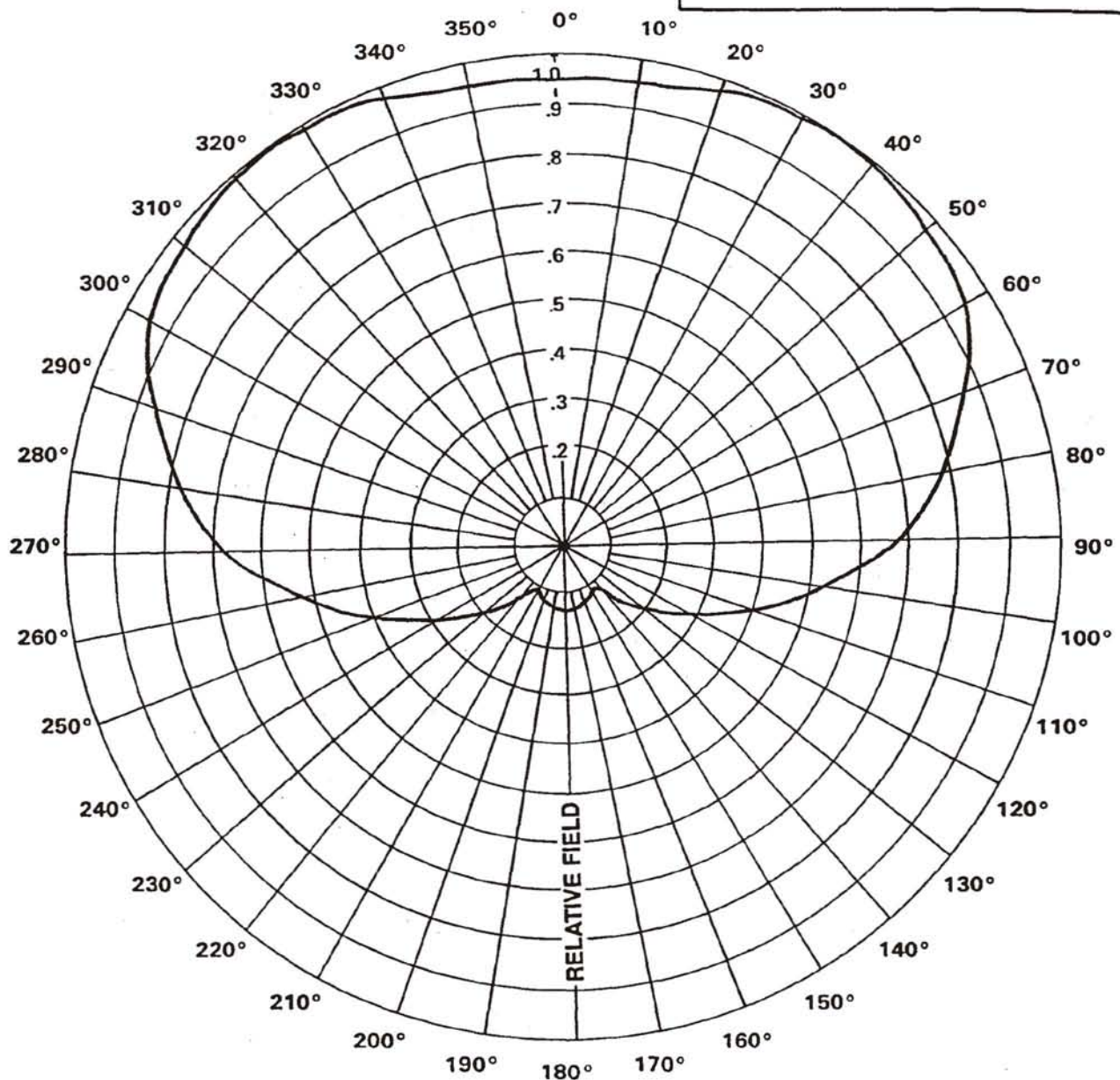
Clearw^{ore}
Jacksonville, FL (BTA# 212)

ANDREW **AZIMUTH PATTERN**

Number of Bays	Antenna Type	Power Gain	(dbi)
4	HMD4VC	8.6	11.5
8	HMD8VC	17.1	14.5
12	HMD12VC	24.2	16.0
16	HMD16VC	30.4	17.0
24	HMD24VC	48.2	19.0

Type: HMD-VC
 Numeric 2.00 dB 3.01
 Directivity: 2.00 3.01
 Peak(s) At: As Required
 Polarization: Vertical
 Channel: 2500 - 2700 MHz
 Location: _____

NOTE: Pattern shape and directivity may vary with channel and mounting configuration.



ComSpec

List of Required Technical Parameters for Stations In The MBS

Antenna Pattern Information

Exhibit 2

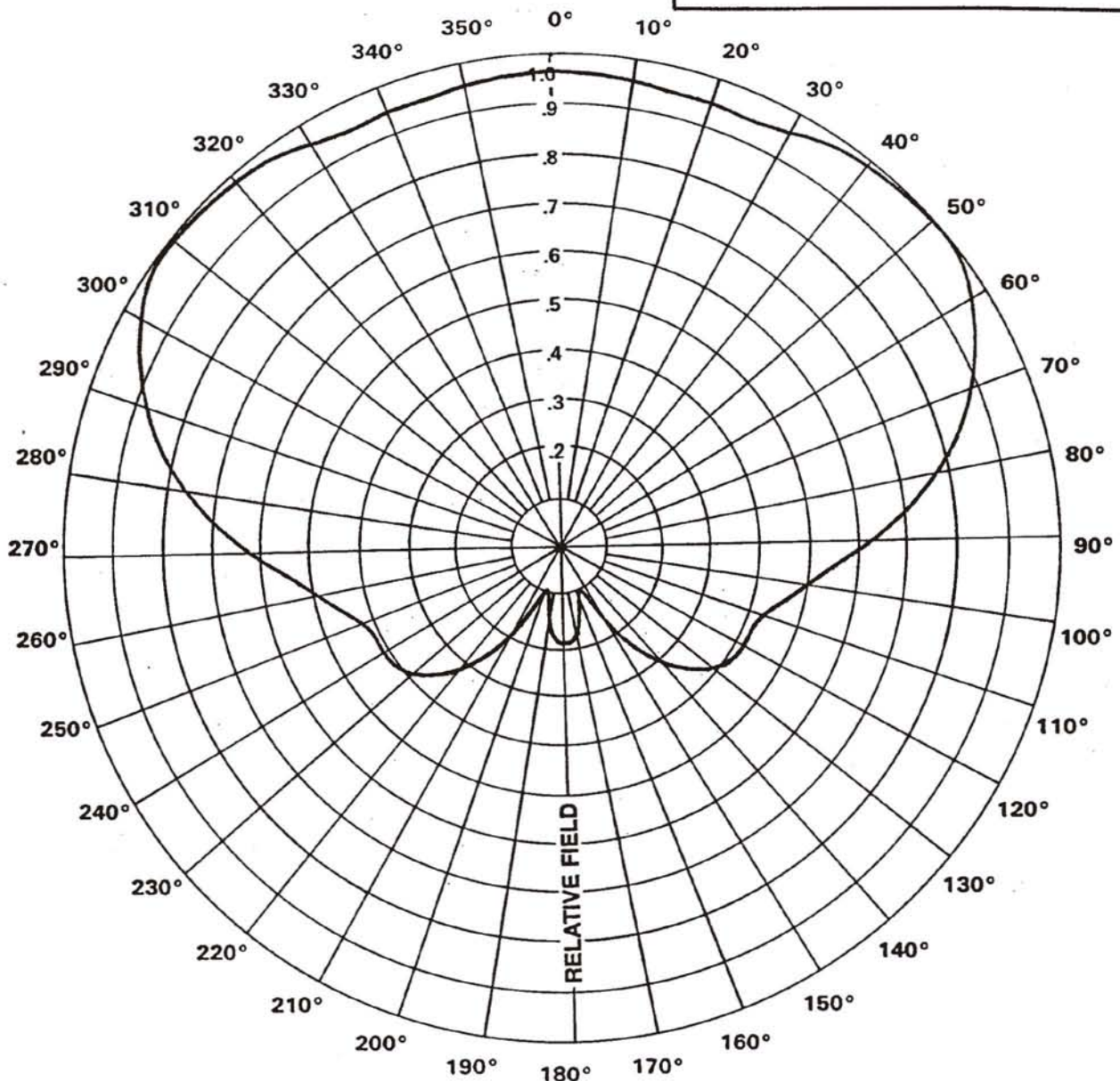
Clearw^ore
Jacksonville, FL (BTA# 212)

ANDREW **AZIMUTH PATTERN**

Number of Bays	Antenna Type	Power Gain	(dbi)
4	HMD4HC	8.6	11.5
8	HMD8HC	17.1	14.5
12	HMD12HC	24.2	16.0
16	HMD16HC	30.4	17.0
24	HMD24HC	48.2	19.0

Type:	HMD-HC	
	Numeric	dB
Directivity:	2.00	3.01
Peak(s) At:	As Required	
Polarization:	Horizontal	
Channel:	2500 - 2700 MHz	
Location:		

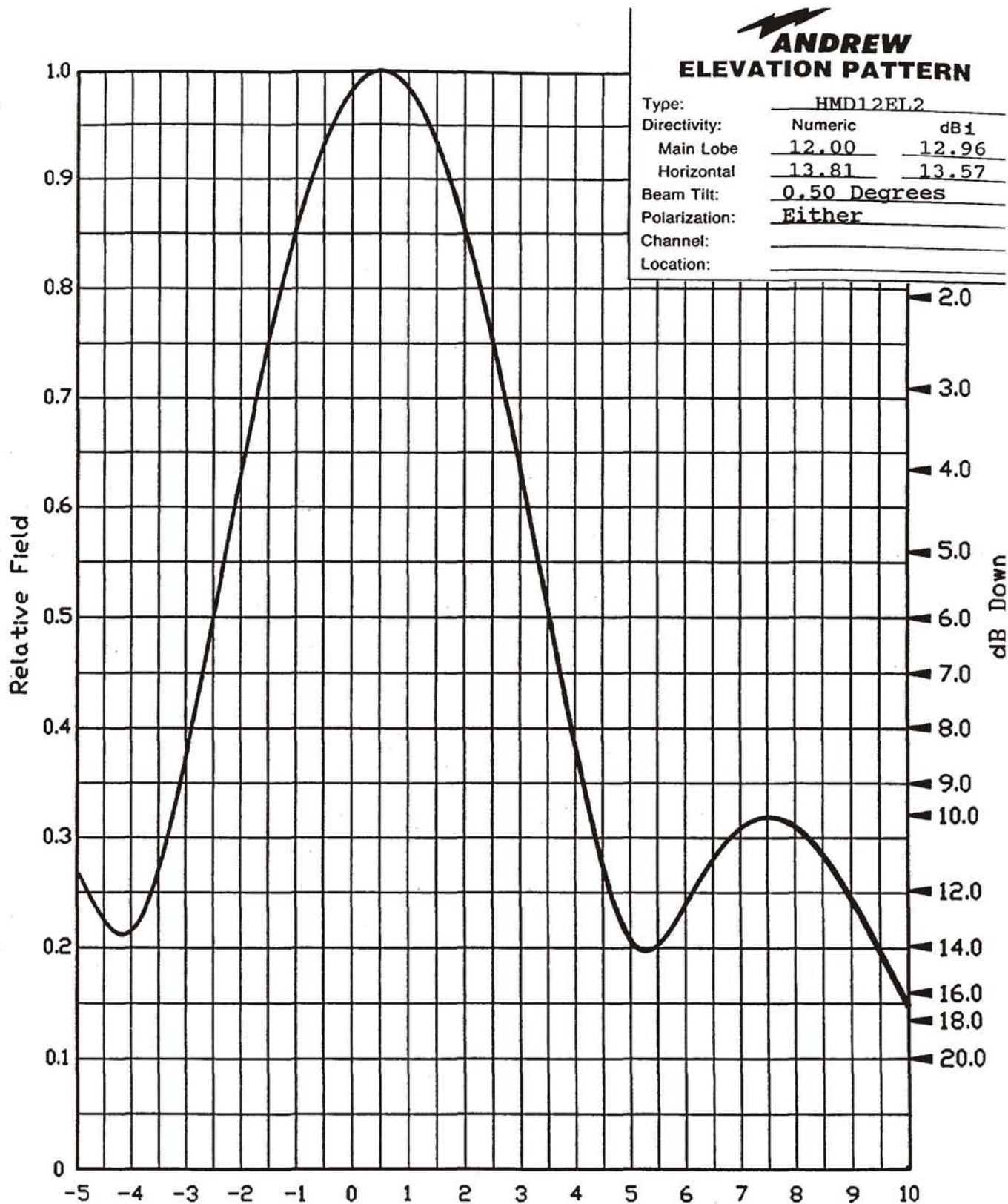
NOTE: Pattern shape and directivity may vary with channel and mounting configuration.



ComSpec

List of Required Technical Parameters for Stations In The MBS
Antenna Pattern Information

Exhibit 2
Clearw^ore
Jacksonville, FL (BTA# 212)

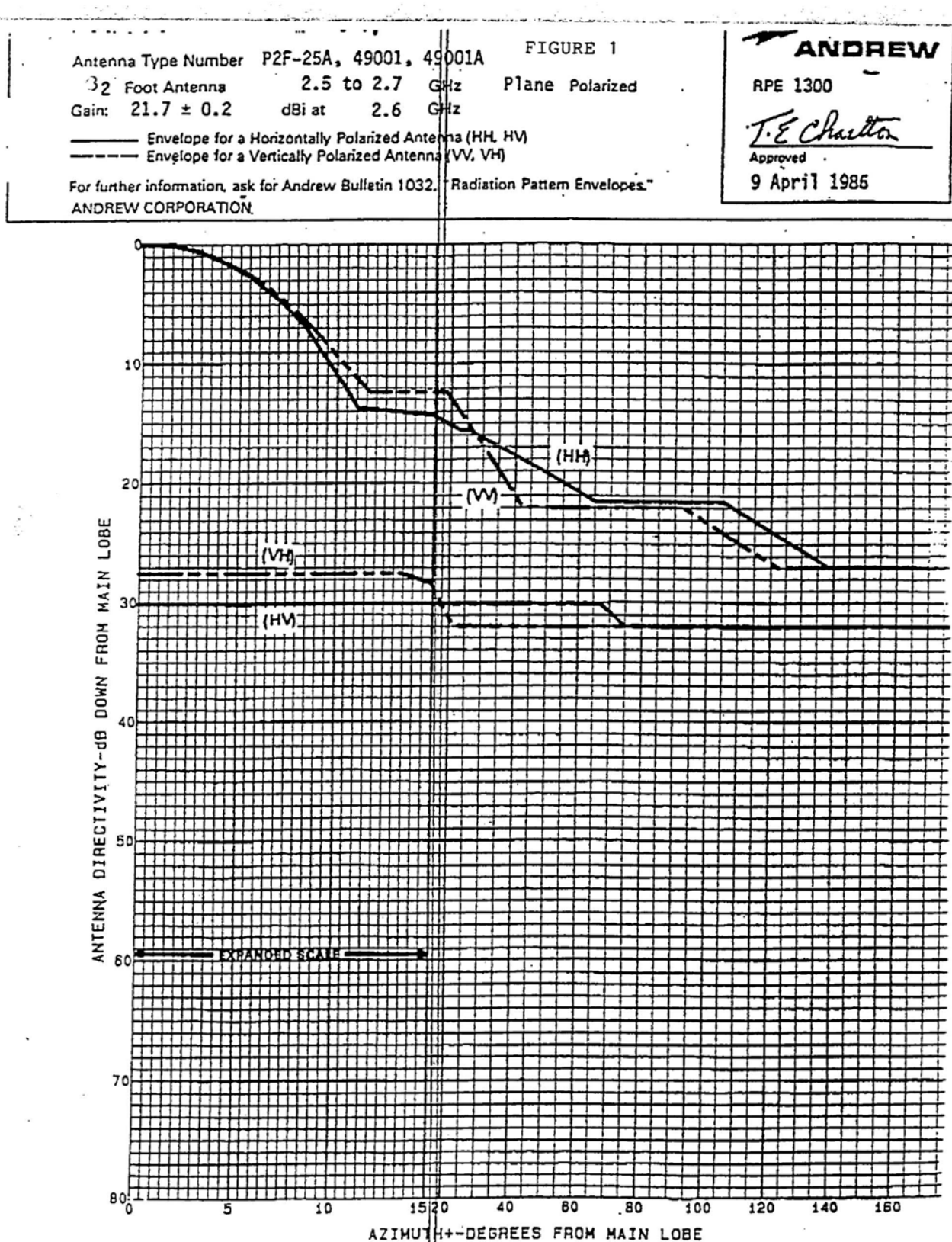


List of Required Technical Parameters for Stations In The MBS

Antenna Pattern Information

Exhibit 2

Clearw^ore
Jacksonville, FL (BTA# 212)



Certification

Pursuant to Section 27.1235 of the Commission's Rules, Fixed Wireless Holdings, LLC certifies that it has completed the transition of the Jacksonville, FL Basic Trading Area, BTA #212.



Terri B. Natoli